4:Grajdanzev--107 S-4 (no date) 1942 Formosans
116, 315, 472

"There are also five companies engaged in gas utilization with capital above ¥500,000 each—Taiwan Gas, Tokokogyo, Taiwan Denka, Taiwan Kagaku, (chemicals) and Taiwan Menka (cotton), but it is not clear whether their capital is included in the ¥46.6 million mentioned above."

4:Grajdanzev--109 S-4 (no date) 1942 Formosans
116, 135, 315, 382, 177.31 Japan
636.31

"Since 1908 the Taiwan government-general and the Japanese navy have paid special attention to oil production in Taiwan, but up to now this branch of mining has been more productive of subsidies to oil producers than of oil itself. It was mentioned above that in 1936 the value of oil produced in Taiwan was ¥312,000 and that of gasoline, ¥456,000. However, in the 1937 budget of the government-general ¥1,005,000 was earmarked as subsidies for oil producers and prospectors. Daily production of oil in the last few years has been about 5,000 American gallons."

4:Grajdanzev--109 [21 S-4 (no date) 1942 Formosans
116, 135, 171, 315, 354

"From the local point of view the production of natural gas is more important[than that of oil--analyst]. The region richest in gas is Kinsui in Shinchiku province, and the gas is used for the production of benzine and carbon-black, as a fuel for sugar mills, and for domestic use. However, in 1937 only 7,411 families had gas facilities (as compared with 2,233,136 in Japan proper)."

4:Grajdanzev--109-110 S-4 (no date) 1942 Formosans
116, 135, 315

"Recently manganese ore was discovered in eastern Taiwan and plans were pushed for the production of magnesium from [110] sea water, but no concrete data are available as to the character of the deposits or the output."

4:Grajdanzev--110 S-4 (no date) 1942 Formosans
116, 315, 463

"There are no recent data on the number of workers occupied in mining but in 1930, according to the census of population, the number was 24,000 persons or about 1.4 per cent of the active population of the island."

A. Coal

135 316 The coal mines of Formosa form a belt, roughly northeast-southwest, in the northwestern section of the island. Although relatively abundant, the coal is generally low-grade bitumen; only a limited quantity is suitable for cooking purposes. Annual production is about 2,000,000 metric tons; the estimated total reserve is 670,000,000 metric tons, most of which is located near Taipei Basin. More than 80 per cent of the coal produced is for domestic consumption. The remainder is exported.

B. Petroleum.

315 Crude oil production is limited, and supplying only about one per cent of the island's requirement. There are five refineries on the island; Kaohsiung Refinery is the largest. The other four refineries are small in scale, located near oil fields in Miaoli, Chuhuangkeng, Chinshui, and Chutung. Kaohsiung Refinery, equipped with three crude distillation units, one thermal cracking and reforming unit, and one vacuum distillation unit, as well as auxiliary plants, is capable of processing 25,000 barrels of crude oil a day. The principal products are motor gasoline, jet fuel, kerosene, diesel fuel, heavy fuel oil, and asphalt. Geology experts generally agree that Formosa has ample oil reserves for domestic needs. Further exploration and the drilling of additional wells will contribute to increased production.